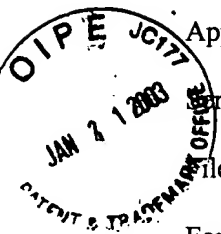


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant: Tagawa et al.)
 Serial No. 09/808,253)
 Filed: March 14, 2001)
 For: MAGNETORESISTIVE)
 TRANSDUCER HAVING)
 STRONGER LONGITUDINAL)
 BIAS FIELD)
 Art Unit: 2652)
 Examiner: Minh, L.)

I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on this date.

January 16, 2003

Date
F-CLASS.WCM

Registration No. 41,760

AMENDMENT TRANSMITTAL

RECEIVED

JAN 24 2003

Technology Center 2600

Commissioner for Patents
 Washington, D.C. 20231

Dear Sir:

Transmitted herewith is a communication regarding the above-identified application.

Fee Calculation For Claims As Amended

	As Amended	Previously Paid For	Present Extra	Rate	Additional Fee
Total Claims	17	- 20	= -0-	x \$18.00	= \$.00
Independent Claims	4	- 3	= 1	x \$84.00	= \$ 84.00
Fee for Multiple Dependent Claims				\$280.00	= \$.00
			Total Additional Fee		\$.00
			Small Entity Fee (reduced by half)		\$ 84.00

(X) Amendment A, with Version with Markings to Show Changes Made.

(X) A check in the amount of \$ 84.00 is attached.

(X) If a Petition under 37 C.F.R. 1.136(a) for an extension of time for response is required to make the attached response timely and does not separately accompany this transmittal, Applicant(s) hereby petition(s) under 37 C.F.R. 1.136(a) for an extension of time for response in the above-identified application for the period required to make the attached response timely.

(X) The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. 1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Customer No.: 24978
 300 South Wacker Drive – Suite 2500
 Chicago, Illinois 60606
 Tel.: (312) 360-0080
 Fax: (312) 360-9315
 January 16, 2003

Respectfully submitted,
 GREER, BURNS & CRAIN, LTD.

By: Joseph P. Fox
 Joseph P. Fox, Registration No. 41,760